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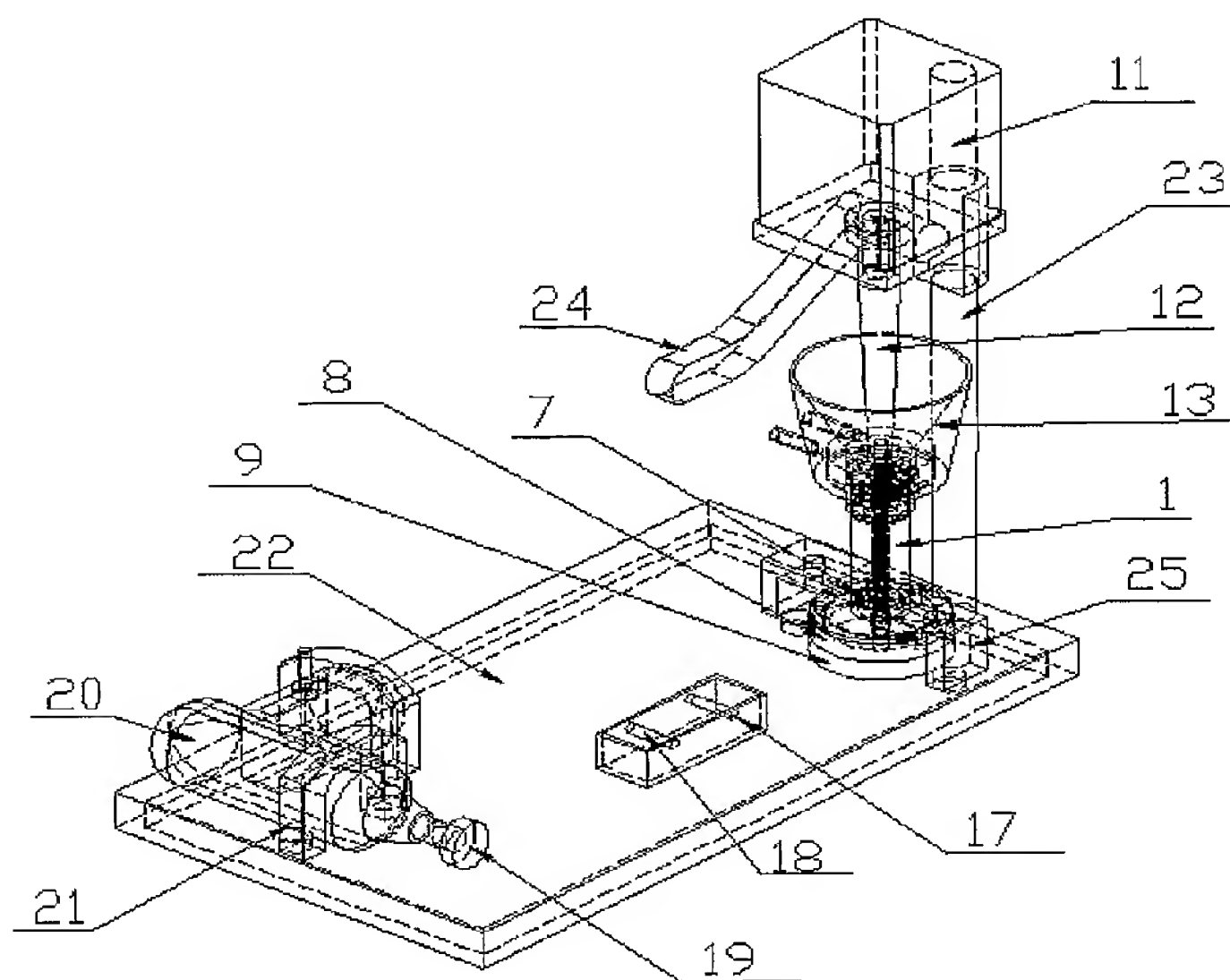
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(54) Title: MICRO-EXTRUSION LINE



(57) Abstract: The invention refers to a micro-extrusion line that comprises a single screw (2) micro-extruder (1), a die (7), a cooling bath (17) and a haul-off (19), which together enables the manufacture of extruded profiles from small amounts of raw material. The rotation of the micro-extruder screw, together with the high temperatures created by the heater bands, produces the conveying, melting, mixing and pumping of the material through the die. The extrudate is cooled down in a bath containing a cooling liquid and wound in a coil (19), which has a linear speed higher than that of the extrusion, thus enabling the control of the extrudate cross-section.

WO 2005/061207 A1

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